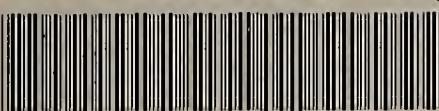


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The Commonwealth of Massachusetts  
 Executive Office of Elder Affairs  
 38 Chauncy Street, Boston, Mass. 02111

WILLIAM F. WELD  
 GOVERNOR

ARGEO PAUL CELLUCCI  
 LIEUTENANT GOVERNOR

FRANKLIN P. OLLIVIERRE  
 SECRETARY

GOVERNMENT DOCUMENTS  
 COLLECTION

APR 27 1993

University of Massachusetts  
Information Memorandum  
Deposit Copy

EOEA-IM-92-08

To: Home Care Corporations  
 From: Frank Ollivierre *Frank*  
 Date: January 31, 1991  
 Re: FY91 Home Care Annual Statistical Report

Enclosed please find Home Care Annual Statistical Report for  
 Fiscal Year 1991.

*Frank*

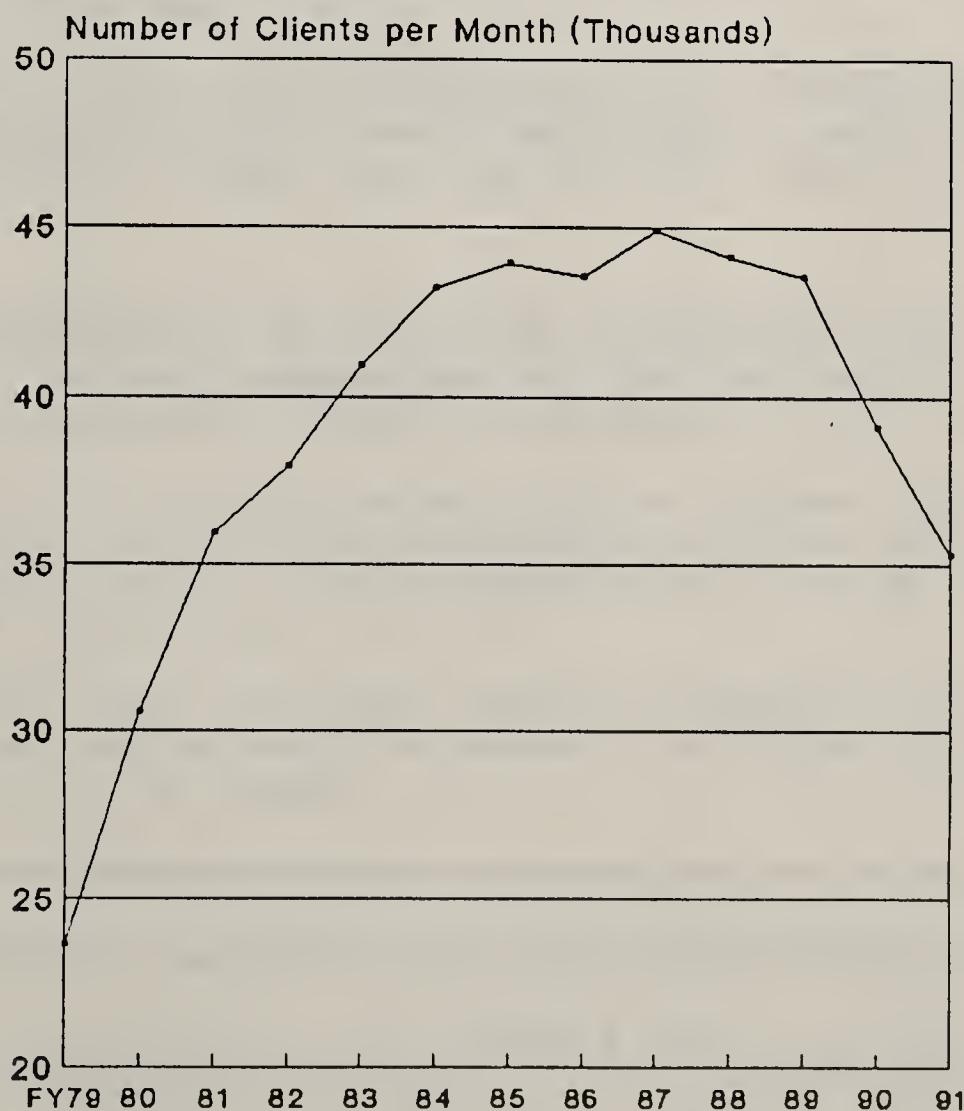


## CASELOAD TRENDS

On June 30, 1991, the last day of Fiscal Year 1991 (FY91), the Massachusetts Home Care System served 32,706 elders. This represents a decline of 14.3% from the last day of FY90, 20.4% from the last day of FY89, 26.2% from the last day of FY88, and 26.3% from the last day of FY87. The continuing decline in the caseload was due to budget constraint. (Data source: Annual Home Care Statistics)

The "end-of-year" count (32,706) was lower than the monthly average figure (35,303). This is because in FY91, the caseload continued dropping till the end of the fiscal year. In addition, the monthly average for FY91 was the lowest monthly average since FY80. (See Figure 1.) (Data source for the monthly average of home care clients: Monthly Home Care Statistics)

Figure 1: Average Number of Clients per Month, FY79-FY91





In FY91, the home care caseload dropped from 38,221 in July 1990 to 32,903 in June 1991, a 13.9% decrease. The average rate of decrease per month was 1.2%. From July 1990 to June 1991, the Home Care Corporations with highest caseload drops were North Shore (-37.7%), Tri-Valley (-32.6%), Bristol (-26.6%), and Gloucester (-26.4%). The Home Care Corporations with lowest caseload drops were Berkshire (-0.4%), Franklin (-1.8%), and HESSCO (-5.8%). (Data source: Monthly Home Care Statistics)

### Age Profile

On the last day of FY91, 1182 home care clients were age 60-64 (3.6%), 7,134 home care clients were age 65-74 (21.8%), 14,299 age 75-84 (43.7%), and 10,091 age 85 and over (30.9%). Among the clients age 85 and over, 94 were age 100 and over, 816 age 95 and over, and 3,846 age 90 and over.

The average age of home care clients was 80. The Home Care Corporations with the highest average age were Minuteman (81.6) and West Suburban (81.3). The Home Care Corporations with the lowest average age were Boston III (78.1), Central Boston (78.8) and Somerville/Cambridge (78.8).

Compared to the age structure of the clients based on records on the last day of the past four fiscal years, more elders age 85 and over were served on the last day of FY91. (See Table 1.)

### Sex

Women comprised of 82.4% of the clients and men comprised 17.6%. Compared to the sex composition on the last day of the past four fiscal years, female clients slightly increased in FY91. (See Table 1.)

The Home Care Corporations with the highest percentage of males were Central Boston (22.7%) and Somerville (21.2%). The Home Care Corporations with the lowest percentage of males were Mystic Valley (14.0%) and Springfield (14.7%).

The average age for women was 80.2 compared to 78.7 for men. About two thirds of men (67.8%) were age 75 and over compared to three fourths (76.0%) for women.

Table 1: Clients by Age and Sex from FY87 to FY91\*

	# of Clients	% Female	% 60-74	% 75-84	% 85+
FY91	32,706	82.4	25.4	43.7	30.9
FY90	38,154	81.9	26.3	44.4	29.3
FY89	41,083	81.4	27.2	44.6	28.2
FY88	44,291	80.9	27.7	44.7	27.7
FY87	44,379	80.8	28.9	43.7	27.6

\* End-of-year count.



### Functional Impairment Level (FIL)

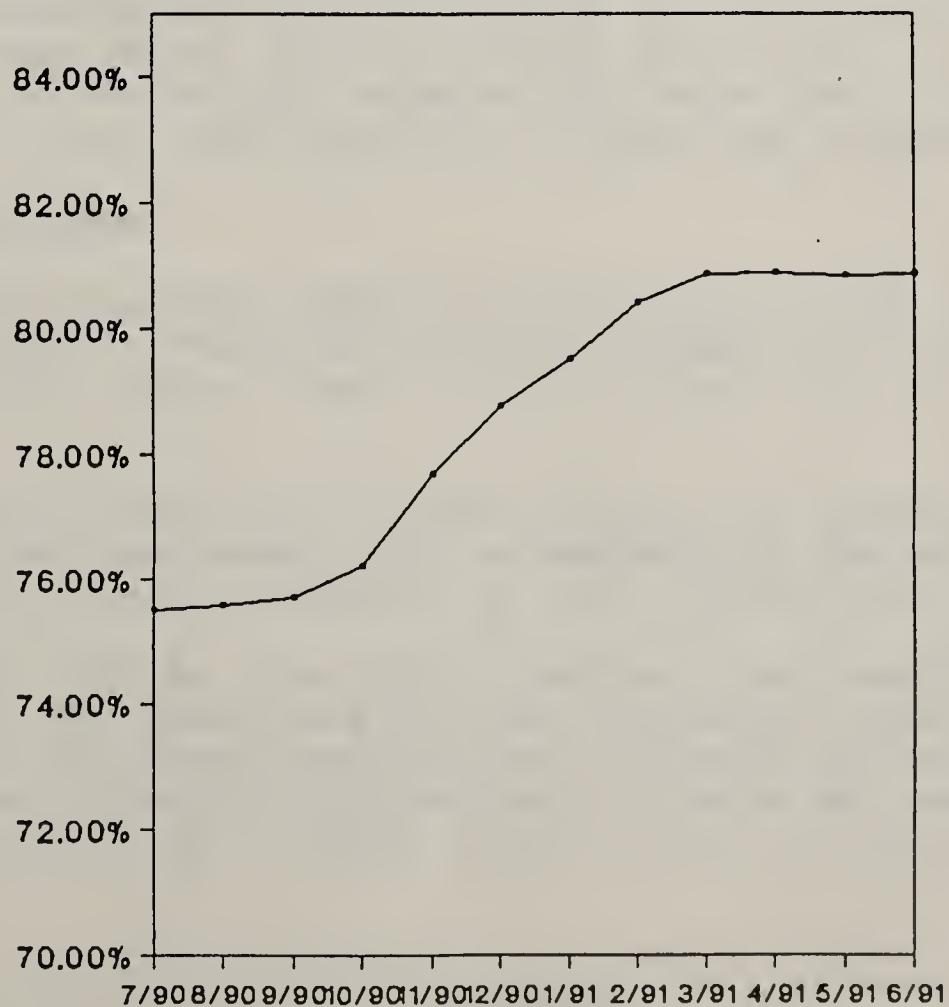
The Home Care Program served frail and impaired elders. On the last day of FY91, 80.9% of home care clients fell into the frailler categories: FIL I - III. FIL I elders comprised of 6.1% of the clients; FIL II, 22.8%; and FIL III, 52.0%. FIL IV accounted for 18.9% of the clients. The remaining 0.1% were FIL V or Special Need clients.

From July 1990 to June 1991, FIL I clients had dropped 5.2% (2,160 to 2,048), FIL II 0.1% (7,521 to 7,507), FIL III 11.1% (19,169 to 17,044), FIL IV 26.2% (8,431 to 6,225), and FIL V & SSN 91.6% (940 to 79). Combined FIL I, II and III clients decreased 7.8% (28,850 to 26,599).

As the decrease rates of the less frail clients were faster, the proportion of the frail clients increased. The proportion of FIL I clients increased from 5.7% in July 1990 to 6.2% in June 1991; FIL II clients increased from 19.7% to 22.8%; and FIL III clients increased from 50.2% to 51.8%. The proportion of FIL I-III clients increased from 75.5% in July 1990 to 80.8% in June 1991. (See Figure 2.)

From July 1990 to June 1991, the Home Care Corporations with the largest increase in the percentage of FIL I-III clients were North Shore (62.2% to 85.4%), Tri-Valley (69.2% to 88.5%), and Central Boston (70.1% to 82.3%).

Figure 2: Proportion of FIL I-III Clients in FY91





Comparison with the last four years indicates that while the proportion of FIL I - III clients increased, the proportion of the less frail clients, especially FIL IV and FIL V, decreased in FY91. (See Table 2.)

Table 2: FIL Status from FY87 to FY91\*

%	FIL1	FIL2	FIL3	FIL4	FIL5	SSN	Total
FY91	6.1	22.8	52.0	18.9	0.1	0.1	100.0
FY90	5.6	19.3	50.1	22.4	2.3	0.3	100.0
FY89	5.8	16.8	48.5	25.1	3.4	0.4	100.0
FY88	5.7	14.6	46.8	27.7	4.7	0.4	100.0
FY87	5.7	13.3	40.3	32.9	7.5	0.3	100.0

\* End-of-year count.

### FIL, Age, and Sex

Clients age 85 and over were the frailest. Eighty seven percent (86.9%) of the clients age 85 and over were FIL I-III compared to 78.8% of the clients age 75-84 and 77.5% of the clients age 60-74. In addition, 78.9% of males were FIL I-III compared to 81.4% for females. Males were more likely to be FIL I than females (8.2% vs. 5.7%). Taking both age and sex into account, female clients age 85 and over were more likely to be FIL I-III than other clients (87.4% for female age 85 and over vs. 84.2% for male age 85 and over, 78.9% for female age 75-84, 78.1% for male age 75-84, 78.0% for female age 60-74, and 75.7% for male age 60-74). (See Table 3.) (For a detailed break-down by age, sex, and FIL, please see Appendix A.)

### Medicaid Types

Medicaid recipients comprised of 37.4% of the clients. Among them, 23.0% were on the Medicaid Home and Community Based Waiver Services Program (2176). Among those on 2176 Waiver, 8.0% were Spousal Waiver clients.

Compared to last three fiscal years, the proportion of Medicaid recipients has increased. The percentage of the Medicaid clients who were on 2176 Waiver decreased in FY91. (See Table 4.)

From July 1990 to June 1991, Medicaid and non-Medicaid clients decreased at the same rate (13.9%). Medicaid 2176 Waiver clients decreased 22.8%. The proportion of Medicaid clients remained the same (36.7%). The proportion of Medicaid clients who were on 2176 Waiver decreased from 24.5% in July 1990 to 22.0% in June 1991.



Table 3: Characteristics of Home Care Clients in FY91\*

	FIL I	FIL II	FIL III	FIL IV	FIL V	SSN	Total
A. Total (%)	6.1	22.8	52.0	18.9	0.1	0.1	100.0
B. Age Groups							
% 60 - 74	6.5	21.6	49.5	22.3	0.1	0.1	100.0
% 75 - 84	5.2	21.0	52.6	21.1	0.1	0.1	100.0
% 85+	7.2	26.4	53.4	13.1	0.0	0.0	100.0
C. Sex							
% Male	8.2	21.0	49.9	20.9	0.1	0.1	100.0
% Female	5.7	23.2	52.5	18.5	0.1	0.0	100.0
D. Age by Sex							
% 60-74							
Male	7.3	20.5	47.9	24.2	0.0	0.1	100.0
Female	6.2	21.9	49.9	21.8	0.1	0.1	100.0
% 75-84							
Male	8.9	19.2	50.1	21.6	0.1	0.2	100.0
Female	4.5	21.3	53.1	21.0	0.1	0.0	100.0
% 85+							
Male	8.3	24.1	51.8	15.9	0.0	0.0	100.0
Female	7.0	26.8	53.7	12.6	0.0	0.0	100.0

\* End-of-year count.

Table 4: Medicaid Clients By Type\*\*

	Spousal		2176 Waiver		Non-2176		Medicaid	
	Waiver	(A) / (B)	(B)	(B) / (D)	(C)	(C) / (D)	(D)	Medicaid Clients
FY91	225	( 8.0%)	2809	(23.0%)	9,423	(77.0%)	12,232	37.4%
FY90	225	( 6.7%)	3379	(23.9%)	10,766	(76.1%)	14,145	37.1%
FY89	456	(13.2%)	3460*	(23.6%)	11,199	(76.4%)	14,659	31.3%
FY88	154	( 9.5%)	1625*	(11.7%)	12,231	(88.3%)	13,856	35.7%

\* Figures from Home Care Monthly Statistics for June.

\*\* End-of-year count.



## Marital Status

On the last day of FY91, 14.1% of the clients were married. About two-thirds (65.7%) of the clients were widowed, 6.5% divorced, 2.2% separated, and 11.5% single. This pattern of marital status was very similar to that in the last four fiscal years. (See Table 5.)

Table 5: Marital Status\*

Status	FY91(Number)	FY91(%)	FY90(%)	FY89(%)	FY88(%)	FY87(%)
Married	3,764	14.1	14.7	15.7	16.7	15.7
Widowed	21,500	65.7	66.2	65.8	65.9	66.6
Divorced	2,116	6.5	6.1	5.6	5.2	4.9
Separated	718	2.2	1.9	1.7	1.5	1.4
Single	3,764	11.5	11.1	11.1	10.7	11.3
Total	32,706	100.0	100.0	100.0	100.0	100.0

\* End-of-year count.

## Living Arrangement

Three-fourths of the clients (76.0%) lived alone. Twelve percent lived with spouse only; 1.0% lived with spouse and other family member/s; 9.6% lived with family member/s. Only 1.4% of the clients shared living with people outside of the family. This pattern has not changed much since FY87. (See Table 6.)

Table 6: Living Arrangement\*

Living Arrangement	#	% FY91	% FY90	% FY89	% FY88	% FY87
Alone	24,863	76.0	75.1	73.7	72.5	73.4
With Spouse	3,914	12.0	12.5	13.8	14.5	13.4
Spouse + Family	315	1.0	1.1	1.1	1.1	1.1
Family	3,129	9.6	9.9	9.9	10.7	10.5
Family/Non-Family	24	0.0	0.1	0.2	0.1	0.2
Non-Family	462	1.4	1.2	1.3	1.1	1.1
Total	32,706	100.0	100.0	100.0	100.0	100.0

\* End-of-year count.



## Minority Status

About 6.7% of the clients were from minority groups. Among them, 69.1% were blacks, 18.0% Hispanics, 6.1% Asians, and the remaining 6.8% represented all others combined. This pattern is very similar to that in the past four fiscal years. (See Table 7.)

Table 7: Minority Status\*

Ethnicity	Number FY91	Percent Among All Clients				Percent Among Minority			
		FY91	FY90	FY89	FY88	FY91	FY90	FY89	FY88
Black	1,538	4.7	4.6	5.0	4.8	68.4	68.4	69.1	70.8
Hispanic	401	1.2	1.1	1.3	1.1	17.8	17.1	18.0	16.1
Asian	169	0.5	0.5	0.4	0.4	7.5	7.6	6.1	5.9
Cape Verdean	93	0.0	0.1	0.3	0.2	4.1	4.7	3.6	3.2
Native American	47	0.0	0.0	0.1	0.1	2.1	0.8	1.0	2.2
Total	2,248	6.7	6.7	7.2	6.7	100	100	100	100

\*End-of-year count.

## Physical Environment

About three fifth of the home care clients (59.0%) lived in subsidized housing, while 41.0% lived in private housing. About one-third (31.6%) lived in the buildings managed by a local Housing Authority; 18.2% lived in other subsidized buildings. About a quarter of the clients (22.8%) lived in their own home; 10.9% lived in rental house or apartment. The detailed break-down of housing types was very similar to that in the last four fiscal years. (See Table 8.)

Table 8: Housing Types\*

Type of Housing	FY91(%)	FY90(%)	FY89(%)	FY88(%)	FY87(%)
Private Housing	41.0	41.1	42.9	44.5	43.9
Own Home	22.8	23.2	23.6	23.7	22.5
Rental Hse/Apt	10.9	11.3	11.7	13.0	13.2
Boarding Home	0.1	0.1	2.0	0.1	0.1
Rooming House	0.1	0.1	0.1	0.1	0.1
Hotel/Single Room	<0.1	<0.1	0.1	<0.1	<0.1
Private Home/other	7.1	6.4	5.6	7.6	8.0
Public Housing	59.0	58.9	57.1	55.5	56.1
Housing Authority	31.6	32.4	32.6	31.8	32.7
Other Subs Bldg	18.2	16.1	16.0	15.0	14.5
Rent Subs (Priv)	7.7	8.3	7.1	7.4	7.4
Congregate Subs	1.2	0.9	0.6	0.4	0.4
Other Subsidized	0.4	0.6	0.8	0.9	1.1
Total	100.0	100.0	100.0	100.0	100.0

\* End-of-year count.



Private housing clients were frailler than public housing clients. Eighty six percent of the clients living in private housing were FIL I-III compared to 77.5% of the clients living in public housing. The number of FIL I clients living in private housing was 2.5 times the number of FIL I clients living in public subsidized housing. The number of FIL IV, V and SSN clients living in public housing was 2.3 times the number of FIL IV, V and SSN clients living in private housing. (See Table 9.) (For detailed Housing Type by FIL information please see Appendix B.)

Table 9: Housing Category By FIL

	FIL1	FIL2	FIL3	FIL4	FIL5	SSN	Total
Private	1,439	3,546	6,537	1,871	3	14	13,410
%	10.7	26.4	48.8	14.0	<0.1	0.1	100.0

Public.	568	3,902	10,498	4,308	14	6	19,296
%	2.9	20.2	54.4	22.3	0.1	<0.1	100.0

### Income

Eighty seven percent of the clients lived in single households. The remaining 13% lived in two person households. In the single households, 38.5% were Medicaid clients. Eleven percent had income lower than \$6,600 but did not meet the resource requirements to qualify for Medicaid. About 19.5% had income higher than \$6,600 but lower than \$8,049; and 15.4% fell between \$8,050 and \$9,499.

In the two person households, 27.1% were Medicaid clients. About 7.1% had income lower than \$8,847 but did not receive Medicaid. Eleven percent had income lower than \$11,096 but higher than \$8,847; 21.8% had income higher than \$11,097 but lower than \$13,334; and 9.7% had income higher than \$13,335 but lower than \$14,463. (See Table 10.)

Table 10: Clients by Income

Single Households			Two Person Households		
Income	Clients	%	Income	Clients	%
<\$6,262			<\$8,847		
Medicaid	10,983	38.5	Medicaid	1,130	27.1
Non-Medicaid	3,040	10.7	Non-Medicaid	292	7.0
\$ 6,600 - 8,049	5,575	19.5	\$ 8,847 - 11,096	468	11.2
\$ 8,050 - 9,499	4,403	15.4	\$11,097 - 13,334	906	21.8
\$ 9,500 - 10,491	1,818	6.4	\$13,335 - 14,463	405	9.7
\$10,492 - 11,241	951	3.3	\$14,464 - 15,590	307	7.4
\$11,242 - 11,990	658	2.3	\$15,591 - 16,718	236	5.7
\$11,991 - 12,739	504	1.8	\$16,719 - 17,846	160	3.8
\$12,740 - 13,488	324	1.1	\$17,847 - 18,973	122	2.9
\$13,489 - 14,236	188	0.7	\$18,974 - 20,102	101	2.4
\$14,237 - 14,986	93	0.3	\$20,103 - 22,230	37	0.9
Over Income	4	0.0	Over Income	1	0.0
Total	28,541	100.0	Total	4,165	100.0
			Grand Total*	32,706	



Appendix A: Clients by Sex, Age, and FIL

Both Sexes

Age Range	FIL 1	FIL 2	FIL 3	FIL 4	FIL 5	SSN	Total	Percentage
60-64	92	271	598	217	1	3	1,182	3.6%
65-69	176	564	1,290	662	3	2	2,697	8.3%
70-74	268	960	2,224	978	4	3	4,437	13.6%
75-79	371	1,318	3,331	1,524	3	4	6,531	20.0%
80-84	372	1,682	4,208	1,494	7	5	7,768	23.8%
85-89	341	1,526	3,394	984	0	0	6,245	19.1%
90-94	264	855	1,614	296	0	1	3,030	9.3%
95-99	105	246	334	37	0	0	722	2.2%
100+	14	34	44	2	0	0	94	0.3%
Total	2,003	7,456	17,017	6,194	18	18	32,706	100.0%
%	6.1%	22.8%	52.0%	18.9%	0.1%	0.1%	100.0%	

Males

Age Range	FIL 1	FIL 2	FIL 3	FIL 4	FIL 5	SSN	Total	Percentage
60-64	19	63	153	66	0	0	301	5.2%
65-69	46	140	304	167	0	1	658	11.5%
70-74	69	177	429	215	0	1	891	15.5%
75-79	99	194	550	264	2	1	1,110	19.3%
80-84	107	253	616	238	1	3	1,218	21.2%
85-89	69	212	508	177	0	0	966	16.8%
90-94	41	127	238	59	0	0	465	8.1%
95-99	18	35	61	11	0	0	125	2.2%
100+	2	4	7	2	0	0	15	0.3%
Total	470	1,205	2,866	1,199	3	6	5,749	100.0%
%	8.2%	21.0%	49.9%	20.9%	0.1%	0.1%	100.0%	

Females

Age Range	FIL 1	FIL 2	FIL 3	FIL 4	FIL 5	SSN	Total	Percentage
60-64	73	208	445	151	1	3	881	3.3%
65-69	130	424	986	495	3	1	2,039	7.6%
70-74	199	783	1,795	763	4	2	3,546	13.2%
75-79	272	1,124	2,761	1,260	1	3	5,421	20.1%
80-84	265	1,429	3,592	1,256	6	2	6,550	24.3%
85-89	272	1,314	2,886	807	0	0	5,279	19.6%
90-94	223	728	1,376	237	0	1	2,565	9.5%
95-99	87	211	273	26	0	0	597	2.2%
100+	12	30	37	0	0	0	79	0.3%
Total	1,533	6,251	14,151	4,995	15	12	26,957	100.0%
%	5.7%	23.2%	52.5%	18.5%	0.1%	0.1%	100.0%	



Appendix B: Type of Housing by FIL, FY91

Type of Housing	FIL I	II	III	IV	V	SSN	Total	%
<b>Public Housing</b>								
Housing Authority	255	2,096	5,716	2,251	3	1	10,322	31.6%
Other Subsidized Bldg	188	1,151	3,206	1,385	6	0	5,936	18.2%
Rent Subsidized/ Private	114	527	1,326	552	2	1	2,522	7.7%
Congregate Subsidy	5	93	195	98	3	3	397	1.2%
Other Subsidy	6	35	55	22	0	1	119	0.4%
<b>Private Housing</b>								
Own Home	772	1,928	3,690	1,069	0	9	7,468	22.8%
Private Home	368	717	902	178	0	2	2,167	6.7%
Rental House/Apt.	279	848	1,841	588	3	3	3,562	10.9%
Boarding Home	2	11	15	3	0	0	31	0.1%
Rooming House	1	6	20	10	0	0	37	0.1%
Hotel/Single Room	0	4	3	2	0	0	9	<0.0%
Other Private	17	32	66	21	0	0	136	0.4%





